

A2
3/6/97

**PERIMETER GROUNDWATER CONTAINMENT SYSTEM
PERFORMANCE MONITORING**

**AMERICAN CHEMICAL SERVICE
GRIFFITH, INDIANA**

Comments on SOPs received March 6, 1997

- A.** For **beryllium** and **manganese** the submitted **SOP No. CORP-MT-0001BSA ICP-AES** is suitable. However, for **thallium** this method may not be adequate. The Reporting Limit (RL) for **Tl** is 10 ug/L given in TABLE 1A. The Remediation Level for **Tl** given in APPENDIX B of the ROD is 2.4 ug/L. The SW 846 Method 7841, and preparation procedure based on SW 846 Method 3020A, may be needed to achieve this project goal.
- B. ANALYSIS OF ORGANOCHLORINE PESTICIDES AND PCBs ON METHOD 8081** SOP No. CORP-GC-0001SA, APPENDIX D
Section 11.2. Extraction, pg D6
Provide the **soil/sediment** extraction procedures, or SOP No. CORP-OP-0001.
- C. ANALYSIS OF PHENOXY ACID HERBICIDES BASED ON METHOD 8150B or 8151** SOP No. CORP-GC-0001SA, APPENDIX C
- 1) Section 1. and Table C1
Specify the **RL** and the estimated retention time for **Pentachlorophenol, PCP**.
 - 2) Section 7.2. and Table C-3
For PCP indicate the levels and the concentrations of the calibration standards.
 - 3) Sections 9.2. and 9.3. typos
The references to Table C-6 and Table C-5, should be, Table C-5 and Table C-4.
 - 4) Section 11.2. Extraction
Provide the Extraction and Derivatization procedures for **PCP**, or the SOP #CORP-OP-0001.
 - 5) Delete **Extraction and Analysis of Phenols by SW846-8040A** SOP No.: STL-GC-

